

P# 1/2

PTO/SB/08A (08-00)

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Substitute for Form 1449/A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	Not yet assigned
(use as many sheets as necessary)		Filing Date	Concurrently herewith
		First Named Inventor	Karim Rouan Cham
		Group Art Unit	3
		Examiner Name	903/879002
Sheet	1	of	4
		Attorney Docket Number	44378-232453 (13131-0170)

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
QEB		3,647,624		Evenson, Merle A.	03/07/1972	
		4,025,423		Stönnér <i>et al.</i>	05/24/1977	
		4,235,602		Meyer <i>et al.</i>	11/25/1980	
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		4,645,512		Johns, Dennis M.	02/24/1987	
		4,647,280		Maaskant <i>et al</i>	03/03/1987	
		4,648,974		Roszkopf <i>et al.</i>	03/10/1987	
		4,668,398		Silvis, Salvatore J.	05/26/1987	
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		4,879,037		Utzinger, Gustav E.	11/07/1989	
		4,895,558		Cham, Bill E.	01/23/1990	
		4,908,354		Seidel <i>et al.</i>	03/13/1990	
		4,935,204		Seidel <i>et al.</i>	06/19/1990	
		5,112,956		Tang <i>et al.</i>	05/12/1992	
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Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
QEB		DE 29 44 138 A1			Assmann <i>et al.</i>	06/11/1981		
		DE 31 18072 A1			Hauck, Claus Christian	11/1982		X
		DE 32 13390 A1			Schurek, H. <i>et al</i>	10/20/1983		
		EP 0 036 283 A2			Jackson, Ian Douglas	03/10/1981		
		EP 0 267 471 A1			Pennwalt Corporation	10/21/1987		
		FR 2 571 971			Thierry Haas	10/23/1984		X
		JP 127104			Shinriyoushiyo	10/1/1980		X
		JP 277303			Tenkaidou	10/26/1993		X
		SU 1116396 A			Mosc. Med. Inst. Pirog	09/30/1984		X
		SU 1204224 A			Kazan Chem. Tech Ins	01/15/1986		X
QEB		WO 9503840 A1			The University of Queensland (except US)	02/09/1995		

Examiner Signature	Date Considered	13 March 2003
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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Substitute for Form 1449/A/PTO				Complete if Known	
		Application Numbr	Not yet assigned		
		Filing Dat	Concurrently herewith		
		First Named Inventr	Karim Rouan Cham		
		Group Art Unit	59		
		Examiner Name	6/12/01		
Sheet	2	of	4	Attorney Docket Number	44378-232453 (13131-0110)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
QJB		Agnese, S.T. <i>et al.</i> , "Evaluation of Four Reagents for Delipidation of Serum", Clinical Biochemistry, 16(2): pp. 98-100 (1983)	
		Albouz, S. <i>et al.</i> , "Extraction of Plasma Lipids Preserving Antigenic Properties of Proteins and Allowing Quantitation of Gangliosides by Neuraminic Acid Determination", Ann. Biol. Clin. (Paris) (4ZS), 37(5): pp. 287-290 (1979)	
		Badimon, J.J. <i>et al.</i> , "High Density Lipoprotein Plasma Fractions Inhibit Aortic Fatty Streaks in Cholesterol-Fed Rabbits", Laboratory Investigation, Vol. 60, No. 3: pp. 455-461 (1989)	
		Badimon, J.J. <i>et al.</i> , "Regression of Atherosclerotic Lesions by High Density Lipoprotein Plasma Fraction in the Cholesterol-Fed Rabbit", J. Clinical Investigation, Vol. 85, No. 4: pp. 1234-1241 (1990)	
		Cham, B.E., <i>et al.</i> , "A Solvent System for Delipidation of Plasma or Serum Without Protein Precipitation", J. of Lipid Research, Vol. 17: pp. 176-181 (1976)	
		Cham, B.E. <i>et al.</i> , "Changes in Electrophoretic Mobilities of α -and β -Lipoproteins as a Result of Plasma Delipidation", Clinical Chemistry, 22: pp. 305-309 (1976)	
	Q	Cham, B.E., <i>et al.</i> , "Heterogeneity of Lipoprotein B", Biochemical and Biophysical Research Communications", Vol. 103, No. 1: pp. 196-206 (1981)	
		Cham, B.E., <i>et al.</i> , "Importance of Apolipoproteins in Lipid Metabolism", Chem. Biol. Interactions, 20: pp. 263-277 (1978)	
		Cham, B.E. <i>et al.</i> , "In Vitro Partial Relipidation of Apolipoproteins in Plasma", J. Biol. Chem., 251 (20): pp. 6367-6371 (1976)	AB S
		Cham, B.E., <i>et al.</i> , "Lipid Apheresis in an Animal Model Causes Acute Reduction in Plasma Lipid Concentrations and Mobilisation of Lipid from Liver and Aorta", Pharmacol. (Life Sci. Adv.)13: pp. 25-32 (1994)	
V		Cham, B.E., <i>et al.</i> , "Lipid Apheresis in an Animal Model Causes In Vivo Changes in Lipoprotein Electrophoretic Patterns", J. Clin. Apheresis, 11 (2): pp. 61-70 (1996)	
QJB		Cham, B.E., <i>et al.</i> , "Lipid Apheresis: An In Vivo Application of Plasma Delipidation with Organic Solvents Resulting in Acute Transient Reduction of Circulating Plasma Lipids in Animals", J. Clin. Apheresis 10: pp. 61-69 (1995)	

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¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached.

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Substitute for Form 1449/A/PTO				Complete if Known	
		Application Number	Not yet assigned		
		Filing Date	Concurrently herewith		
		First Named Inventor	Karim Rouan Cham		
		Group Art Unit			
		Examiner Name			
Sheet	3	of	4	Attorney Docket Number	44378-232453 (13131-0110)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
BRB		Cham, B.E., "Nature of the Interaction Between Low-Density Lipoproteins and Polyanions and Metal Ions, as Exemplified by Heparin and Ca ²⁺ ", Clinical Chemistry, Vol. 22, No. 11: pp. 1812-1816 (1976)			
		Cham, B.E., <i>et al.</i> , "Phospholipids in EDTA - Treated Plasma and Serum", Clinical Chemistry, Vol. 39, No. 11: pp. 2347-2348 (1993)			
		Cham, B.E., <i>et al.</i> , "Rapid Regression of Atherosclerosis by Cholesterol Apheresis - A Newly Developed Technique", 59 th Congress European Atherosclerosis Society, Nice France, 17-21 May 1992.			
		Cham, B.E., <i>et al.</i> , "Rapid, Sensitive Method for the Separation of Free Cholesterol from Ester Cholesterol", Clinica Chimica Acta, 49: pp. 109-113 (1973)			
	✓	Dwivedy, A.K., "Increase of Reverse Cholesterol Transport by Cholesterol Apheresis: Regression of Atherosclerosis", 18 th Australian Atherosclerosis Society Conference, Surfers Paradise, p. 21 (1992)			
		Eisenhauer, T. <i>et al.</i> , "Selective Removal of Low Density Lipoproteins (LDL) by Precipitation at Low pH: First Clinical Application of the HELP System", Klin Wochenschr (KWH), 65 (4): pp. 161-168 (1987)			
	✓	Fang, N.X. <i>et al.</i> , "In vivo Rapid Mobilization of Adipose Tissue by Lipid Apheresis - A Newly Developed Technique", 18 th Australian Atherosclerosis Society Conference, Gold Cost, Australia 1992			
		Innerarity, T.L., <i>et al.</i> , "Enhanced Binding by Cultured Human Fibroblasts of Apo-E-Containing Lipoproteins as Compared with Low Density Lipoproteins", Biochemistry, Vol. 17: pp. 1440-1447 (1978)			
BRB		Koizumi, J. <i>et al.</i> , "Behavior of Human Apolipoprotein A-1: Phospho-Lipid and apoHDL: Phospholipid Complexes in Vitro and After Injection into Rabbits", J. Lipid Research, Vol. 29: 1405-1415 (1988)			

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Substitute for Form 1449/A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	Not yet assigned
Sheet	4	of	4	Filing Date	Concurrently herewith
				First Named Inventor	Karim Rouan Cham
				Group Art Unit	
				Examiner Name	

Sheet 4 of 4 Attorney Docket Number 44378-232453 (13131-0110)

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
<i>DRB</i>		Kostner, K. <i>et al.</i> , "Increase of APO A1 Concentration in Hypercholesterolaemic Chickens After Treatment with a Newly Developed Extracorporeal Lipid Elimination", XI Internet Symp. On Drugs Affecting Lipid Metabolism, Italy, 13-16 May 1992			
		Kostner, K. <i>et al.</i> , "Lecithin-cholesterol acyltransferase activity in Normocholesterolaemic and Hypercholesterolaemic Roosters: Modulation by Lipid Apheresis", European Journal of Clinical Investigation, Vol. 27; pp. 212-218, May 7, 1997			
		Lupien, P.J. <i>et al.</i> , "A New Approach to the Management of Familial Hypercholesterolaemia: Removal of Plasma-Cholesterol Based on the Principle of Affinity Chromatography", Lancet (LOS), 1 (7972) L: pp. 1261-1265 (1976)			
		Parker, T.S., <i>et al.</i> , "Plasma High Density Lipoprotein is Increased in Man When Low Density Lipoprotein (LDL) is Lowered by LDL-Pheresis"; Proc. Nat. Acad. Sci. (USA) 83(3), pp.777-781 (1986) (Abstract)			
		Ryan, W.G. <i>et al.</i> , "An Improved Extraction Procedure for the Determination of Triglycerides and Cholesterol in Plasma or Serum", Clinical Chemistry, Vol. 13: pp. 769-772 (1967)			
		Slater, H.R. <i>et al.</i> , "A Comparison of Delipidated Sera Used in Studies of Sterol Synthesis by Human Mononuclear Leukocytes", J. of Lipid Research, 20: pp. 413-416 (1979)			
		Slater, H.R., <i>et al.</i> , "The Effect of Delipidated High Density Lipoprotein on Human Leukocyte Sterol Synthesis", Atherosclerosis, 35: pp. 41-49 (1980)			
		Thompson, G.R. <i>et al.</i> , "Plasma Exchange in the Management of Homozygous Familial Hypercholesterolaemia", Lancet (LOS), 1 (7918): pp. 1208-1211 (1975)			
<i>DRB</i>		Williams, K.J. <i>et al.</i> , "Low Density Lipoprotein Receptor-Independent Hepatic Uptake of a Synthetic, Cholesterol-Scavenging Lipoprotein: Implications for the Treatment of Receptor-Deficient Atherosclerosis", Proc. Natl. Acad. Sci. USA, Vol. 85: pp. 242-246 (1988)			
<i>DRB</i>		Yokoyama, S. <i>et al.</i> , "Selective Removal of Low Density Lipoprotein by Plasmapheresis in Familial Hypercholesterolemia", Arteriosclerosis (89S), 5 (6): pp. 613-622 (1985)			

Examiner Signature	<i>DRB</i>	Date Considered	13 March 2003
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¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached.

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PTO/SB/08B (08-00)

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Substitute for Form 1449/A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1 Attorney Docket Number 44378-232454 (13131-0110)

Substitute for Form 1449/A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number <u>09/879,002</u> Filing Date <u>June 12, 2001</u> First Named Inventor <u>Karim Rouan Cham</u> Group Art Unit <u>3735</u> Examiner Name _____	Attorney Docket Number <u>44378-232454 (13131-0110)</u>
Sheet	1	of	1

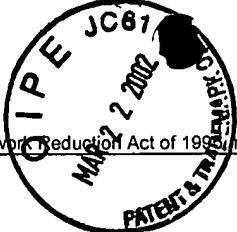
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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SLS	AA Parker, Thomas S. <i>et al.</i> , "Plasma High Density Lipoprotein is Increased in Man When Low Density Lipoprotein (LDL) is Lowered by LDL-Pheresis", Proceedings of the National Academy of Sciences, Vol. 83, pp. 777-781 (1986).
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¹Unique citation designation number. ²Applicant is to place a check mark here if English language translation is attached.



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PTO/SB/08A (08-00)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>		Complete if Known	
		Application Number	9/879,002
		Filing Date	June 12, 2001
		First Named Inventor	Karim Rouan Cham
		Group Art Unit	3735
		Examiner Name	Not yet assigned
Sheet	1	of	1
		Attorney Docket Number 44378-232454 (13131-0110)	

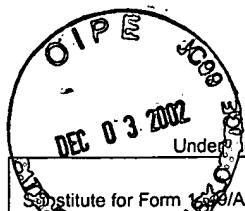
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P# 11

PTO/SB/08A (08-00)

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Sheet 1 of 2

Complete if Known	
Application Number	9/879,002
Filing Date	June 12, 2001
First Named Inventor	Karim Rouan Cham
Group Art Unit	3735
Examiner Name	Not yet assigned
Attorney Docket Number	44378-232454 (13131-0110)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 2

Complete if Known	
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Filing Date	June 12, 2001
First Named Inventor	Karim Rouan Cham
Group Art Unit	3735
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Attorney Docket Number	44378-232454 (13131-0110)

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS

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